

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 2 | "05179936" | US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/21 13:09 |
| L2 | 1 | ("20040107693").PN. | US-PCPUB; USPAT; USOCR | OR | OFF | 2010/04/21 13:10 |
| S1 | 1 | (10/578747).APP. | US-PCPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:32 |
| S2 | 8 | ((TOMOKAZU) near2 (MURAGUCHI)).INV. | US-PCPUB; USPAT | ADJ | ON | 2010/04/20 08:33 |
| S3 | 27 | ((TOMOKAZU) near2 (MURAGUCHI)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 08:33 |
| S4 | 4 | (S2 or S3) and (secondary near2 air) | US-PCPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 08:34 |
| S5 | 2 | (10/578923).APP. | US-PCPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:41 |
| S6 | 13 | ("5113651" "5119631" "5140810" "5235956" "5325663" "5388401" "5400591" "5809773" "5852929" "6609364" "6708668" "6830043" "6912845").PN. OR ("7637097").URPN. | US-PCPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 08:41 |
| S7 | 2 | (("5582929") or ("5140810")).PN. | US-PCPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:46 |
| S8 | 2 | (("5852929") or ("5140810")).PN. | US-PCPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:47 |

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| S9 | 2 | "0663516" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 08:50 |
| S10 | 29 | "663516" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 08:51 |
| S11 | 1 | ("5560199").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:51 |
| S12 | 2 | "10344910" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 08:52 |
| S13 | 1 | ("20040074453").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:52 |
| S14 | 2 | (10/277475).APP. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:54 |
| S15 | 11 | ("20030061805" "3894984" "5706653" "5743085" "5782086" "5814283" "5852929"). PN. OR ("6983590").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 08:54 |
| S16 | 11 | ("5542292" "5615552" "5735121" "5782086" "6023401" "6830043" "6918245" "6983590").PN. OR ("7222483").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 08:56 |
| S17 | 1 | ((("2004011027") or ("20040107693")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:58 |
| S18 | 2 | ((("20040011027") or ("20040107693"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:58 |
| S19 | 2 | (10/637644).APP. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 08:59 |

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| S20 | 10 | ("5381658" "5388402" "5444978" "5852929" "6122910" "6170259").PN. OR ("6973777").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 08:59 |
| S21 | 2 | (10/449670).APP. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 09:00 |
| S22 | 22 | ("5140810" "5400591" "5519992" "5560199" "5706653" "5782086" "5852929" "5921077" "6023401" "6138504" "6233925" "6393833").PN. OR ("6918245").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 09:00 |
| S23 | 3 | "20050120711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DIERWENT | ADJ | ON | 2010/04/20 09:05 |
| S24 | 0 | "2003405986" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DIERWENT | ADJ | ON | 2010/04/20 09:06 |
| S25 | 10 | ("5381658" "5444978" "5499502" "5852929" "6918245" "6973777").PN. OR ("7140177").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 09:06 |
| S26 | 15 | ("3723070" "5257501" "5265418").PN. OR ("5444978").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 09:08 |
| S27 | 19 | ("4231220" "5060474" "5113651" "5119631" "5140810").PN. OR ("5381658").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 09:10 |
| S28 | 8 | ("4180975" "5065575" "5140810" "5444978").PN. OR ("5499502").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 09:17 |
| S29 | 2568 | (60/273,277,289,293,304,305,307).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 09:22 |
| S30 | 177 | (60/305).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 09:22 |

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| S31 | 64 | S30 and (secondary near2 air) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 09:22 |
| S32 | 3 | "2003314263" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:25 |
| S33 | 5057 | hirooka.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:28 |
| S34 | 78 | S33 and (secondary near2 air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:28 |
| S35 | 77 | S33 and (secondary air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:28 |
| S36 | 2 | "09125945" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:51 |
| S37 | 32072 | (secondary air) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:54 |

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| S38 | 148677 | (air near3 pump\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:54 |
| S39 | 360291 | (pressure near3 (sens\$4 or detect\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:54 |
| S40 | 2085769 | (fail\$4 or abnormal\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:55 |
| S41 | 58 | S37 same S38 same S39 same S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:55 |
| S42 | 345679 | ((vehicle or engine) near3 speed) or (throttle near3 open\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:56 |
| S43 | 24 | S41 and S42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:56 |
| S44 | 4 | S41 and (S42 with S38) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 09:57 |

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| S45 | 5 | S41 and (S42 with S37) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:01 |
| S46 | 1 | S45 not S44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:01 |
| S47 | 0 | (operate or on or start\$4) with air near5 secondary near S5 pump with S42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:03 |
| S48 | 79 | air near5 secondary near5 pump with S42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:03 |
| S49 | 9 | (operate or on or start\$4) with air near5 secondary near5 pump with S42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:03 |
| S50 | 1 | (10/870000).APP. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 10:04 |
| S51 | 21 | air near5 secondary near5 pump with S42 with (level or value or high\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:07 |

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| S52 | 19 | S51 not S49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:07 |
| S53 | 7 | S52 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 10:10 |
| S54 | 1 | ("5113651").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/20 10:34 |
| S55 | 50 | ((("4250856") or ("4255121") or ("4259362") or ("4277021") or ("4281518") or ("4281983") or ("4318392") or ("4318887") or ("4339014") or ("4347052") or ("4370969") or ("4387685") or ("4422389") or ("4453591") or ("4564442") or ("4575332") or ("4624191") or ("4862814") or ("4961462") or ("4995241") or ("4995376") or ("5007354") or ("5190096") or ("5313797") or ("5328777") or ("5351480") or ("5367985") or ("5432022") or ("5479907") or ("5585066") or ("5651320") or ("5668421") or ("5743085") or ("5773730") or ("5775891") or ("5879148") or ("5906111") or ("5910159") or ("5921078") or ("5937796") or ("5985475") or ("6004093") or ("6019080") or ("6077033") or ("6077072") or ("6089016") or ("6109865") or ("6120828") or ("6155043") or ("6155074")).PN. | OR | OFF | 2010/04/20 10:44 | |
| S56 | 30 | S55 and S37 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 10:44 |
| S57 | 3 | S56 and (pressure near3 sens\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 10:44 |

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| S58 | 253 | S37 and S38 and S39 and S40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 11:37 |
| S59 | 177 | S58 not S41 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 11:37 |
| S60 | 40 | S59 and S29 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 11:38 |
| S61 | 1 | S59 and S30 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 11:38 |
| S62 | 171 | (secondary air) with ((multip\$5 or plural\$4) near3 (cylinder or pipe or piping or conduit)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/20 11:43 |
| S63 | 230 | (secondary air) with ((multip\$5 or plural\$4) near3 (cylinder or pipe or piping or conduit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 11:43 |
| S64 | 12 | S63 same valve same pump | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 11:43 |
| S65 | 111 | S63 and engine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 11:44 |
| S66 | 80 | S63 and (internal combustion engine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2010/04/20 11:44 |

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| S67 | 1908 | (60/287-294).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/04/21 11:22 |
| S68 | 1459 | (60/277).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/04/21 11:22 |
| S69 | 227 | S67 and S68 | US-PGPUB; USPAT; USOOR | ADJ | ON | 2010/04/21 11:23 |
| S70 | 724 | (60/289,293).OCLS. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/04/21 11:24 |
| S71 | 118 | S70 and S68 | US-PGPUB; USPAT; USOOR | ADJ | ON | 2010/04/21 11:24 |
| S72 | 79 | S71 and (pump same valve) | US-PGPUB; USPAT; USOOR | ADJ | ON | 2010/04/21 11:24 |
| S73 | 2 | (11/197507).APP. | US-PGPUB; USPAT; USOOR | OR | OFF | 2010/04/21 11:25 |

EAST Search History (Interference)

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4/21/2010 1:19:29 PM

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